



SEQUENCE LISTING

<110> Brennan, Thomas J.

<120> TRANSGENIC MICE CONTAINING 5-HT-2B GENE
DISRUPTIONS

<130> R-599

<140> US 09/903,376

<141> 2001-07-10

<150> US 60/218,358

<151> 2000-07-12

<150> US 60/223,120

<151> 2000-08-07

<150> US 60/223,122

<151> 2000-08-07

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<170> FastSEQ for Windows Version 4.0

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<212> DNA

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35 40 45
Gln Gly His Thr Val His Trp Ala Ala Leu Leu Ile Leu Ala Val Ile
50 55 60
Ile Pro Thr Ile Gly Gly Asn Ile Leu Val Ile Leu Ala Val Ala Leu
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Glu Lys Arg Leu Gln Tyr Ala Thr Asn Tyr Phe Leu Met Ser Leu Ala
85 90 95
Ile Ala Asp Leu Leu Val Gly Leu Phe Val Met Pro Ile Ala Leu Leu
100 105 110
Thr Ile Met Phe Glu Ala Ile Trp Pro Leu Pro Leu Ala Leu Cys Pro
115 120 125
Ala Trp Leu Phe Leu Asp Val Leu Phe Ser Thr Ala Ser Ile Met His
130 135 140
Leu Cys Ala Ile Ser Leu Asp Arg Tyr Ile Ala Ile Lys Lys Pro Ile
145 150 155 160
Gln Ala Asn Gln Cys Asn Thr Arg Ala Thr Ala Phe Ile Lys Ile Thr
165 170 175
Val Val Trp Leu Ile Ser Ile Gly Ile Ala Ile Pro Val Pro Ile Lys
180 185 190
Gly Ile Glu Thr Asp Val Ile Asn Pro His Asn Val Thr Cys Glu Leu
195 200 205
Thr Lys Asp Arg Phe Gly Ser Phe Met Val Phe Gly Ser Leu Ala Ala
210 215 220
Phe Phe Val Pro Leu Thr Ile Met Val Val Thr Tyr Phe Leu Thr Ile
225 230 235 240
His Thr Leu Gln Lys Lys Ala Tyr Leu Val Lys Asn Lys Pro Pro Gln
245 250 255
Arg Leu Thr Arg Trp Thr Val Pro Thr Val Phe Leu Arg Glu Asp Ser
260 265 270
Ser Phe Ser Ser Pro Glu Lys Val Ala Met Leu Asp Gly Ser His Arg
275 280 285
Asp Lys Ile Leu Pro Asn Ser Ser Asp Glu Thr Leu Met Arg Arg Met
290 295 300
Ser Ser Val Gly Lys Arg Ser Ala Gln Thr Ile Ser Asn Glu Gln Arg
305 310 315 320
Ala Ser Lys Ala Leu Gly Val Val Phe Phe Leu Phe Leu Leu Met Trp
325 330 335
Cys Pro Phe Phe Ile Thr Asn Leu Thr Leu Ala Leu Cys Asp Ser Cys
340 345 350
Asn Gln Thr Thr Leu Lys Thr Leu Leu Glu Ile Phe Val Trp Ile Gly
355 360 365
Tyr Val Ser Ser Gly Val Asn Pro Leu Ile Tyr Thr Leu Phe Asn Lys
370 375 380
Thr Phe Arg Glu Ala Phe Gly Arg Tyr Ile Thr Cys Asn Tyr Arg Ala

385 390 395 400
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405 410 415
Gly Asn Ser Met Val Glu Asn Ser Lys Phe Phe Thr Lys His Gly Ile
420 425 430
Arg Asn Gly Ile Asn Pro Ala Met Tyr Gln Ser Pro Met Arg Leu Arg
435 440 445
Cys Ser Thr Ile Gln Ser Ser Ile Ile Leu Leu Asp Thr Leu Leu
450 455 460
Thr Glu Asn Asp Gly Asp Lys Ala Glu Glu Gln Val Ser Tyr Ile Leu
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Gln Glu Arg Ala Gly Leu Ile Leu Arg Glu Gly Asp Glu Gln Asp Ala
485 490 495
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<213> Artificial Sequence

<220>
<223> Targeting vector

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taaaatgtct gacaaagca caacttctga gcacatttta cagaagacat gtgatcacct 180
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<220>
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actcaactgac ctttattttg tttgaaataa aagaaggacc tggattaaaa acacagaagg 180
gaacatttcct tcattttca 200